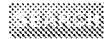



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Keywords: cache, estimation, intellectual property, low power, on-chip system-on-a-chip

2 [A multiprocessor DSP system using PADDI-2](#) [Roy A. Sutton, Vason P. Srinivasan, Jan M. Rabaey](#)

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We have integrated an image processing system built around PADDI-2, parallel DSP. The system includes image processing algorithms, a graph routing tools, compilers, hardware configuration and debugging ...

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December 1998 Computing Surveys (CSUR) , Volume 30 Issue 4

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Object-oriented languages come with pre-defined composition mechanisms: object composition, or delegation, each characterized by a certain set of rules which do not themselves individually exist as abstractions ...

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5 [Scheduling of real-time messages in optical broadcast-and-select networks](#)

[Maurizio A. Bonuccelli](#), [M. Claudia Giò](#)

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[Andrew Seawright](#), [Wolfgang Meyer](#)

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Reflection plays a major role in the programming of generic applications interpretation layer which is detrimental to performance. A solution con- evaluation to remove this interpretation layer. This ...

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9 [Protection interoperability for WDM optical networks](#)

[Olivier Crochat, Jean-Yves Le Boudec, Ornan Gerstel](#)

June 2000 IEEE/ ACM Transactions on Networking (TON) , Volume 8 Issue


Publisher: IEEE Press

Full text available:  [Pdf](#) (284.28 KB) Additional Information: [full citation](#), [references](#), [cite](#)

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Keywords: WDM, interoperability, optical network, protection, routing,

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In this paper we propose an integration between electronic mail and we as library operators who need to send large files to Internet users. The libraries to continue using the e-mail service to send ...

Keywords: Internet document delivery service, MIME, Web, e-mail, lib

12 [Linearity and the pi-calculus](#)

 Naoki Kobayashi, Benjamin C. Pierce, David N. Turner

September 1999 Transactions on Programming Languages and Systems
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The economy and flexibility of the pi-calculus make it an attractive object clean basis for concurrent language design and implementation. However, cost: encoding higher-level features like functional ...



Keywords: concurrency, confluence, linear types, pi-calculus, process

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 Chanik Park, Sungchan Kim, Soonhoi Ha

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 Grigora-Catalin Roman, Peter J. McCann, Jerome Y. Plun

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paradigm. The potentially very large number of independent computing computing style, frequent disconnections, continuous position changes,

Keywords: formal methods, mobile UNITY, mobile computing, shared transient interactions, weak consistency

16 Commutativity analysis: a new analysis technique for parallelizing co



Pedro C. Diniz / Martin C. Rinard

November 1997 Transactions on Programming Languages and System

6

Publisher: ACM

Full text available: Pdf (472.62 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

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This article presents a new analysis technique, commutativity analysis, parallelizing computations that manipulate dynamic, pointer-based data analysis views the computation as composed of operations on objects. .

Keywords: parallel computing

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Sridhar Ramesh, George N. Rouskas, Harry G. Perros

April 2000 Transactions on Modeling and Computer Simulation (TOM

Publisher: ACM

Full text available: Pdf (194.01 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

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We present an approximate analytical method to evaluate efficiently an blocking probabilities in wavelength routing networks with multiple clas fairly general and allows each source-destination pair to service ...

Keywords: blocking probabilities, multiclass networks, wavelength divi wavelength routing

18 Off-line permutation embedding and scheduling in multiplexed optica topologies

Chunming Qiao, Yousong Mei

April 1999 IEEE/ ACM Transactions on Networking (TON) , Volume 7 Iss

Publisher: IEEE Press

Full text available: Pdf (212.73 KB) Additional Information: [full citation](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 31, Citation (

Keywords: WDM meshes, WDM rings, rearrangeable nonblocking, wav wavelength routing, wavelength-division multiplexing


19 Operating system support for high-speed communication



Peter Druschel

September 1996 Communications of the ACM , Volume 39 Issue 9

Publisher: ACM

Full text available:  Pdf (313.01 KB) Additional Information: [full citation](#), [references](#),
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George Varghese, Mahesh Jayaram

March 2000 Journal of the ACM (JACM) , Volume 47 Issue 2

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